

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 301  | 380/29.CCLS.  | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 15:21 |
| S2    | 308  | 380/29.CCLS.  | US-PGPUB; USPAT; EPO; JPO                          | OR               | ON      | 2005/06/13 12:21 |
| S3    | 308  | 380/29.CCLS.  | US-PGPUB; USPAT; EPO; JPO; DERWENT                 | OR               | ON      | 2005/06/13 12:21 |
| S4    | 308  | 380/29.CCLS.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR               | ON      | 2005/06/13 12:21 |
| S5    | 308  | 380/29.CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/06/13 12:21 |
| S6    | 97   | ("5511123" "5949884" "6031911" "5745577" "5351299" "6182216" "6199162" "6314186" "6578150" "6751319" "6769063" "5365588" "5454039" "5675652" "5835597" "5606616" "6061703" "6104810" "6266413" "6445794" "5768390" "5675653" "5835599" "6870929" "6731754" "6763363" "6804354" "5825886" "5740249" "4815130" "5442705" "5473693" "5892829" "5933499" "6049608" "6122375" "6141421" "6189095" "6295606" "6301362" "6370247" "5796830" "6052469" "5003597" "5317638" "5995625" "5778074" "5793871" "5673319" "6069954").pn. ("6345101" "6535607" "6466669" "4897876" "5841872" "5970148" "6044388" "6061449" "6061703" "6061449" "6490354" "6578061" "6850960" "6859818" "5963104" "5568073" "5638315" "6263471" "6760440" "5019736" "5631960" "4871930" "4912342" "5623545" "6069495" "4890127" "4979140" "5191243" "5321704" "5343406" "5432719" "5448493" "5459681" "5488316" "5598424" "5821774" "5825202" "5838892" "5867732" "5881250" "5896406" "5974530" "5991861" "6081130" "6094065" "6107822" "6108812" "6118298" "6204685").pn. | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/30 16:15 |
| S7    | 3616 | data adj encryption adj standard  | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 17:04 |
| S8    | 3798 | data adj encryption adj standard  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/06/16 17:04 |
| S9    | 0    | data adj encryption adj standard and clock adj cyle   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/06/16 17:05 |
| S10   | 283  | data adj encryption adj standard and clock adj cycle  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/06/16 17:45 |
| S11   | 280  | data adj encryption adj standard and clock adj cycle  | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 17:45 |
| S12   | 1    | "3962539".pn.   | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 18:21 |
| S13   | 8695 | (des or data adj encryption adj standard) and clock adj cycle   | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 18:22 |
| S14   | 5426 | (des or data adj encryption adj standard) and (clock adj cycle) and gate  | US-PGPUB; USPAT                                    | OR               | ON      | 2005/06/16 18:22 |

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S15 | 1202    | (des or data adj encryption adj standard) and (clock adj cycle) and gate and "xor"            | US-PGPUB; USPAT                                    | OR | ON | 2005/06/16 18:22 |
| S16 | 809     | (des or data adj encryption adj standard) and (clock adj cycle) and gate and "xor"            | USPAT  | OR | ON | 2005/06/16 18:22 |
| S17 | 88      | (des or data adj encryption adj standard) same (clock adj cycle) and gate and "xor"           | USPAT  | OR | ON | 2005/06/16 18:22 |
| S18 | 1066289 | data adj encryption adj standard or des   | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 07:55 |
| S19 | 6854880 | (data adj encryption adj standard) or des   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 07:55 |
| S20 | 10068   | S19 and clock adj cycle\$   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 08:40 |
| S21 | 1428    | S19 and clock adj cycle\$ and "xor"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:01 |
| S22 | 0       | S19 and clock adj cycle\$ and "xor" and expansion   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:01 |
| S23 | 502     | S19 and clock adj cycle\$ and "xor" and expansion   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:02 |
| S24 | 94      | S19 and clock adj cycle\$ and "xor" and expansion and ("380"/\$.ccls. "713"/\$.ccls.)         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:02 |
| S25 | 172     | S19 and clock adj cycle\$ and "xor" and ("380"/\$.ccls. "713"/\$.ccls.)                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:35 |
| S26 | 12      | S19 and clock adj cycle\$ and "xor" and ("380"/\$.ccls. "713"/\$.ccls.) and critical adj path | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/17 09:37 |
| S28 | 239     | 380/37.CCLS. AND (DES OR AES)   | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 11:17 |
| S29 | 369     | 380/37.CCLS.  | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 11:17 |
| S30 | 25      | combin\$ with permutation with expansion  | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 12:27 |
| S31 | 1       | merg\$ with permutation with expansion  | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 12:27 |
| S32 | 2       | cavium.as.  | US-PGPUB; USPAT                                    | OR | ON | 2005/06/17 12:29 |
| S33 | 2       | kiszely.in.   | US-PGPUB; USPAT                                    | OR | ON | 2005/06/30 14:52 |

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S34 | 5     | kiszely.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:03 |
| S35 | 3619  | des and data adj encryption adj standard   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:09 |
| S36 | 883   | S35 and improve  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:04 |
| S37 | 429   | S35 and improve  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/06/30 16:15 |
| S38 | 71591 | des same improve or data adj encryption adj standard same improve  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:09 |
| S39 | 71591 | (des same improve) or (data adj encryption adj standard same improve)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:10 |
| S40 | 16    | (data adj encryption adj standard same improve)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:12 |
| S41 | 8526  | (data adj encryption adj standard with improve) or (des with improve)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:12 |
| S42 | 40    | (data adj encryption adj standard with improve) or (des with improve) and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/30 15:12 |
| S43 | 592   | "4" adj clock adj cycles   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/06/30 16:16 |
| S44 | 3     | S43 and data adj encryption adj standard   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/06/30 16:36 |
| S45 | 53    | data adj encryption adj standard same patent   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/06/30 16:38 |

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S46 | 2       | "3958081".pn.   | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/30 16:38 |
| S47 | 1       | "3958081".pn.   | USPAT                                    | OR | ON | 2005/06/30 17:02 |
| S48 | 398915  | data adj encryption adj standard and (merge combine) same permutation\$ expansion\$   | US-PGPUB; USPAT                          | OR | ON | 2005/06/30 17:03 |
| S49 | 8       | (data adj encryption adj standard) and (merge combine) same (permutation\$ and expansion\$)   | US-PGPUB; USPAT                          | OR | ON | 2005/06/30 17:03 |
| S50 | 12      | ("6272221" "6442525" "6400824" "6357009" "6816968" "5675653" "6304658" "6108421" "5835599" "6381699" "6278783" "4947428").PN.   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:40 |
| S51 | 28875   | output with fed adj back  | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:40 |
| S52 | 88      | output with fed adj back same expansion   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:41 |
| S53 | 0       | output with fed adj back same expansion and encryption  | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:41 |
| S54 | 88      | output with fed adj back same expansion   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:44 |
| S55 | 8       | (data ADJ encryption ADJ standard) AND (rearrangement WITH gate)  | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:44 |
| S56 | 19      | (US-20020003876-\$ or US-20020018562-\$ or US-20020034295-\$ or US-20020061107-\$ or US-20020106078-\$ or US-20020106080-\$ or US-20020108048-\$ or US-20020118827-\$ or US-20030002664-\$ or US-20030072444-\$ or US-20030103626-\$).did. or (US-6182216-\$ or US-6199162-\$ or US-6249582-\$ or US-6314186-\$ or US-6578150-\$ or US-6704871-\$ or US-6708273-\$ or US-6751319-\$).did. | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:47 |
| S57 | 372     | 380/37.CCLS.  | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 08:53 |
| S58 | 153     | 380/37.CCLS. and data adj encryption adj standard   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 09:31 |
| S59 | 0       | "20020018562".pn. and bus   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 09:31 |
| S60 | 0       | "20020018562".pn. and processor   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 09:31 |
| S61 | 0       | "20020018562".pn. and hardware  | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 10:59 |
| S62 | 1       | "20050069134"   | US-PGPUB; USPAT                          | OR | ON | 2005/07/01 10:59 |
| S63 | 304     | 380/29.ccls.  | US-PGPUB; USPAT                          | OR | ON | 2005/08/02 09:30 |
| S64 | 238     | 380/29.ccls. and (data adj encryption adj standard or des)  | US-PGPUB; USPAT                          | OR | ON | 2005/08/02 09:45 |
| S65 | 3473503 | data adj encryption adj standard or des   | DERWENT                                  | OR | ON | 2005/08/02 09:46 |
| S66 | 131     | data adj encryption adj standard  | DERWENT                                  | OR | ON | 2005/08/02 09:46 |